

Title (en)  
DIAPHRAGM CLUTCH WITH DIAPHRAGM ARTICULATION

Title (de)  
MEMBRANENKUPPLUNG MIT MEMBRANENGELLENKBEWEGUNG

Title (fr)  
EMBRAYAGE A DIAPHRAGME COMPRENANT UNE ARTICULATION DE DIAPHRAGME

Publication  
**EP 2129927 B1 20101027 (FR)**

Application  
**EP 08775685 A 20080306**

Priority  
• FR 2008050382 W 20080306  
• FR 0754005 A 20070323

Abstract (en)  
[origin: WO2008125780A1] The invention relates to a diaphragm clutch (10) that comprises a lid (12), a pressure plate (16), a diaphragm (14) mounted between the lid (12) and the pressure plate (16), a first rigid annular member (26) provided between the diaphragm (14) and the pressure plate (16) and attached to the lid (12) by struts (28), a means (22) for articulating the diaphragm relative to the lid (12) and a second pre-stressed elastic annular member (24) mounted so as to bear against the first rigid annular member (26) opposite the articulation means (22) relative to the diaphragm (14), the rigid (26) and elastic (24) annular members being arranged coaxially, the struts (28) being attached relative to the rigid annular member (26) substantially along an fixation circle (C), the bearing area of the second elastic annular member (24) onto the first rigid annular member (26) extending substantially along the fixation circle (C) of the struts (28).

IPC 8 full level  
**F16D 13/71** (2006.01)

CPC (source: EP)  
**F16D 13/585** (2013.01)

Cited by  
EP3628884A1; FR3086710A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**FR 2914032 A1 20080926; FR 2914032 B1 20090605**; AT E486226 T1 20101115; BR PI0808386 A2 20140708; BR PI0808386 B1 20200616; CN 101680494 A 20100324; CN 101680494 B 20121128; DE 602008003205 D1 20101209; EP 2129927 A1 20091209; EP 2129927 B1 20101027; WO 2008125780 A1 20081023

DOCDB simple family (application)  
**FR 0754005 A 20070323**; AT 08775685 T 20080306; BR PI0808386 A 20080306; CN 200880009316 A 20080306; DE 602008003205 T 20080306; EP 08775685 A 20080306; FR 2008050382 W 20080306